

## RENEWABLE ENERGY

Instructional Sequence	Activity Title	Benchmarks Addressed	Instructional Resources
1	Intro to Renewable Energy	<b>SC.5.P.10.2</b>	National Geographic Video: Renewable Energy 101
2	Renewable Energy Stations	<b>SC.5.P.10.2</b>	Lesson Plan: Renewable Energy Stations Lesson Plan: Wind Energy - Making & Testing Pinwheels Lesson Plan: Solar Energy - Making a Solar Oven Hydroelectric Energy - Making a Water Wheel
3	Math Mania	<b>MAFS.5.NBT.2.7</b>	Lesson Plan Section: "Math Mania"
4	Related Web Resources:		<a href="https://www.youtube.com/watch?v=1kUE0BZtTRc">https://www.youtube.com/watch?v=1kUE0BZtTRc</a>

## ENERGY EFFICIENCY AND CONSERVATION

Instructional Sequence	Activity Title	Benchmarks Addressed	Instructional Resources
1	Saving Energy at School and Home	<b>LAFS.5.RI.2.4</b>	Link to Informational Text in Lesson Plan
2	Energy 101: Energy Efficient Commercial Buildings/Proposal	<b>3-5-ETS1-2</b> <b>LAFS.K12.W.1.1</b>	Lesson Plan: The Energy I Used Today Lesson Plan: Using Energy at School Energy 101: Energy Efficient Commercial Buildings VIDEO
3	Math Mania	<b>MAFS.5.NF.1.2</b>	Lesson Plan Section: "Math Mania"
4	Related Web Resources:		<a href="https://www.energy.gov/eere/education/eere-energy-101-video-series">https://www.energy.gov/eere/education/eere-energy-101-video-series</a>

## INVENTION AND INNOVATION

Instructional Sequence	Activity Title	Benchmarks Addressed	Instructional Resources
1	Invention and Innovation	<b>LAFS.5.SL.1.1</b>	Lesson Plan: Invention and Innovation Two-Column Notes PDF Download
2	SPARK Energy Invention Challenge	<b>3-5-ETS2.B</b>	Lesson Plan: SPARK Energy Invention Challenge SPARK Energy Invention Challenge Download
3	Math Mania	<b>MAFS.5.NF.1.1</b>	Lesson Plan Section: "Math Mania"
4	Related Web Resources:		<a href="https://www.famousscientists.org/">https://www.famousscientists.org/</a>